



SEQUENCE LISTING

<110> OKAMOTO, HITOSHI
UEMURA, OSAMU
HIGASHIJIMA, SHIN-ICHI

<120> ENHANCERS SPECIFIC TO MOTOR NEURONS
AND/OR SENSORY NEURONS

<130> P26510

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<160> 15

<170> PatentIn version 3.5

<210> 1

<211> 820

<212> DNA

<213> Danio rerio

<400> 1

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gactggcagc agcaagaatg ttttagcata ttcgtttgat tagaggtaca aaaatttaat	540
tagtgtggct aattgcttga caaattgcag cacactactg aaaagacaga tttttttttt	600
aaaaccgtgc aaaaccctt ccgtgtggaa attttgtcca aatggcccct atgccaatat	660
gtgaaaagca taattaaata aatggaagat ggcacaacag taccttaca tagcaaatga	720
gataattgcc tgtaattagg tgggacacaa gtctatgtcc atatgtcgtg tttctcttca	780
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<210> 2
 <211> 725
 <212> DNA
 <213> Homo sapiens

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 tccatcaaga aattgtacaa agaaaatgga cacaccagct ggataaatct atcatgtgca 180
 ggggggagta ggggaagcaa gcacttttaa ttagctgagt gaatgcagtt tgttgaacac 240
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 gaacaggcct gaccacagtc aatcatacta aaagccactg gtgcttaatt tgatttacca 360
 atataaaatg caaattaggt tattaagtgg agtggcagac agagtagggc ccctttcaaa 420
 ccatcaagtt aaatgcaagc agacagcaaa ctggctgtgc aaagaaaatt ttagcatatt 480
 cgtttgatta gtgctacaaa aatttaatta gggttgctaa ttacttgaca aattgctcta 540
 cacgagagaa aaggcagagg gttttttttt tcttttttca ttgcaaatat cctgtgtgta 600
 ttttagccca aatgctatct gccaatgtgc aaaagcctta ttaaatgaat ggaagatggt 660
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 tgtcc 725

<210> 3
 <211> 638
 <212> DNA
 <213> Mus musculus

<400> 3
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 aaccatcaag ttaaatgcaa gcagacagca aactggctgt gcaaagaaaa ttttagcata 480
 ttcgtttgat tagtgctaca aaaatttaatt taggttggct aattacttga caaattgctc 540

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ctgtgtgtat tttagcccaa atgctatctg ccaatttg 638

<210> 4
<211> 650
<212> DNA
<213> *Fugu rubripes*

<400> 4
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tggtctggga acagacaaca atgagacgta cagtaaaaca tgaggtgggc aattttatca 180
gagccccttc tgcaaacatg ggggaaaaag gggaaaatca ttttaattag ctaagtgaat 240
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aaggtgattg tttggcacat tgacatcaga aagaaacact ctgcagcagc cataaatcct 600
gttttttcac cctacatgtc tgattttcaa ccataacttg actctttttt 650

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<211> 636
<212> DNA
<213> *Danio rerio*

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aaaatgtggt aatttccatt taacaagcag tgttttagatt atataatgca tcaataaact 180
aactgtcatc actttctata aataaactat taccctccta agccacattt actgggcaat 240
gatcgattca tcatttccta tacagtatag gctcagcagt ccttcacatg tgtttgcgta 300
ttcaggaaat atatatcgaa ggaaaggaac agagatacat ttatctaata gtcctctgaa 360
caccacagca cactgtgtaa tcaataaact tgtttttaggc aaagcacctt ttctagtgc 420
tcagacgatt aaccctccat taactatttc agaagctggt aatgcacct cagtcaataa 480
tgctaattcg aaaagctatt gtataagctg ttaagaaatg tgtattcata ttatggtaaa 540

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 tatttcacac cgtggtgaat tatggtgctg gaattc 636

<210> 6
 <211> 456
 <212> DNA
 <213> Homo sapiens

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 ttatcatgga atattttcaaa tttattatca gtttcctaac acataatggt taatcggttaa 180
 ggatagccac tttaacataa tatgaatacg catttctcca taggtaatac aacagttcct 240
 gcattagcat tattgactaa ggtacattta acttcttcac taataacttaa tggaagggtta 300
 atgtataagt caggagatta aatggctttt acttaaaaca agtatattga ttaaaataac 360
 ttagtgagat ttttaagggt gatgatataa aaacagtcac acatttttaat attttattta 420
 atattaagag caaattggag ggtgcaacag atcaag 456

<210> 7
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 7
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<210> 8
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 primer

<400> 8
 ggtacctgta ttgatgggcc ac 22

<210> 9
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 9
gggaattcaa acagatgcac ctacctc 27

<210> 10
<211> 28
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 10
gggaattcgg acatatggct agagtgtg 28

<210> 11
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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gggaattcat tgagacacag ttgctcctcc 30

<210> 12
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic primer

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<210> 13
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic primer

<400> 13
 ggtaccctgc ctcgccactg tcctgc 26

<210> 14
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 <212> DNA
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<220>
 <223> Description of Artificial Sequence: Synthetic
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<400> 14
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<210> 15
 <211> 178
 <212> DNA
 <213> Homo sapiens

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 gttaaagtga ccttagtcaa taatgctaat gcaggaactg ttgtattacc tatggagaaa 120
 tgcgtattca tattatgtta aagtggctat ccttaacgat taaccattat gtgttagg 178